

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

5 **Listing of Claims:**

Claim 1 (currently amended): A scanner comprising:

- a housing including an upper case and a lower case;
- a shaft seat positioned between the upper case and the lower case;
- a shaft set on the shaft seat;
- 10 a scanning module slidably set on the shaft;
- a lock set on the housing for fixing the scanning module; and
- a buffer pad set ~~between the shaft seat and the shaft, between the shaft seat and~~
~~the upper case or lower case, or~~ between the lock and the scanning module.

- 15 Claim 2 (original): The scanner of claim 1 wherein the buffer pad is an arc-shaped elastomer set between the shaft seat and the shaft.

- Claim 3 (original): The scanner of claim 1 wherein the buffer pad is a ring-shaped elastomer set between the shaft seat and the shaft.

- 20 Claim 4 (original): The scanner of claim 1 wherein the buffer pad is an elastomer laid on the lock and set between the lock and the scanning module.

- Claim 5 (original): The scanner of claim 1 wherein the buffer pad is an elastomer set
25 into a groove which is between the lock and the scanning module.

- Claim 6 (currently amended): A scanner comprising:
- a housing including an upper case and a lower case;
 - a shaft seat set between the upper case and the lower case;
 - 30 a shaft set on the shaft seat;

a scanning module slidably set on the shaft; and
a buffer pad set between the shaft seat and the shaft ~~or between the shaft seat and~~
~~the upper case or the lower case.~~

5 Claim 7 (original): The scanner of claim 6 wherein the buffer pad is an arc-shaped
 elastomer set between the shaft seat and the shaft.

 Claim 8 (original): The scanner of claim 6 wherein the buffer pad is a ring-shaped
 elastomer set between the shaft seat and the shaft.

10

 Claim 9 (original): The scanner of claim 6 wherein the scanner further comprises a
 bolt for fixing the scanning module.

15

 Claim 10 (original): The scanner of claim 9 wherein the surface of the bolt is covered
 with an elastomer.

 Claim 11 (original): The scanner of claim 9 wherein a groove that contains the bolt in
 the scanning module is lined with an elastomer.

20

 Claim 12 (new): A scanner comprising:

 a housing including an upper case and a lower case;
 a shaft seat set between the upper case and the lower case;
 a shaft set on the shaft seat;
 a scanning module slidably set on the shaft; and
 a buffer pad set between the shaft seat and the upper case or the lower case.

25

 Claim 13 (new): The scanner of claim 12 wherein the buffer pad is an arc-shaped
 elastomer set between the shaft seat and the shaft.

30

 Claim 14 (new): The scanner of claim 12 wherein the buffer pad is a ring-shaped
 elastomer set between the shaft seat and the shaft.

Claim 15 (new): The scanner of claim 12 wherein the scanner further comprises a bolt for fixing the scanning module.

- 5 Claim 16 (new): The scanner of claim 15 wherein the surface of the bolt is covered with an elastomer.

Claim 17 (new): The scanner of claim 15 wherein a groove that contains the bolt in the scanning module is lined with an elastomer.

10